Remarks

This paper responds to the Office action of May 13, 2005.

The foregoing amendments to the claims are supported by the same matter supporting the same claims as originally filed. These are not narrowing amendments.

The Applicant thanks the Examiner for his courtesy extended to the Applicant's representative George Wheeler during the Office interview on July 13, 2005. Agreement with respect to the claims was reached.

The Applicant's Attorney and the Examiner discussed the proposed reason to be recited in the oath serving as a basis for this broadening reissue application. The proposed reason presented by the Applicant's Attorney (as language added to PTO/SB/51) is: "Independent claim 9 of the original patent is narrower than applicant had a right to claim, in that it recites as a limitation, 'downloading the particular application selected by the at least one user to a memory in the selected dedicated processor.'" The Applicants agreed to send in an appropriate reply to remove the rejection: a declaration by the inventor on PTO/SB/51 containing the above-quoted language. The declaration also recites, "This is a broadening reissue," and "The nature of the broadening is presentation of one or more claims that do not recite this "downloading" limitation." The signed declaration is attached.

Applicant's Attorney and Examiner also discussed recapture rejections with respect to all the pending independent claims. After the discussion, Examiner agreed that there is no recapture. Applicant's attorney agreed to file appropriate remarks to overcome the recapture rejection. Those remarks, in the form of claim charts showing at least one reason for each relevant limitation in the independent claims added in this reissue application, are attached as Exhibit B of this response. As the Applicant's Attorney stated at the Interview, the reasoning set forth in the claim charts presents one reason why claim language is not a prohibited recapture, even if more than one reason avoiding the Recapture Rule is pertinent.

On the basis of the above information, the Applicant's Attorney respectfully submits that the application is in condition for allowance, as the rejections of record have been overcome.

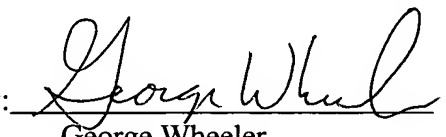
The Applicant's Attorney also requests the Examiner to review the documents identified in the enclosed PTO Form 1449A, and initial the form to indicate consideration. Also, please

note that a new Power of Attorney appointing the undersigned and a change of correspondence address directing correspondence to the undersigned have been filed.

The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

Respectfully submitted,

McANDREWS, HELD & MALLOY, LTD.

By: 

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September 9, 2005

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Exhibit A

Showing the present amendments to new claims in this reissue application

30. A method for processing real-time applications which may be executed for [by] a plurality of users, the method comprising:

providing a front-end server that has access to a plurality of applications;

providing a plurality of dedicated processors that communicate with the front-end server, the plurality of dedicated processors being inhomogeneous;

receiving a message from at least one user of the plurality of users at [to] the front-end server that the at least one user desires to have executed a particular application;

selecting a dedicated processor that is of the appropriate type and capacity to run the particular application;

initiating communication between one of the plurality of users and the selected dedicated processor; and

executing the particular application, selected by the at least one user, on the selected dedicated processor.

48. A method for using a computer system in processing an application, the method including the steps of:

providing a front end server;

providing a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors;

connecting two users via the Internet and [via] under control of the front-end server [to initiate communication with the] and one of said plurality of dedicated processors; and

executing a real-time application program on the dedicated processor to enable the users to communicate voice with each other.

70. A computer system architecture for processing an application, the architecture including:

a front end server;

a plurality of dedicated processors structured so that the front end server can communicate with at least one of the plurality of dedicated processors;

a connection of two users via the Internet and [via] under control of the front-end server [to initiate communication with the] and one of said plurality of dedicated processors; and

a real-time application program executing on the dedicated processor to enable the users to communicate voice with each other.

EXHIBIT B

Recapture Analysis Tables

Claim 16 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 16	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; and	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; [and]	**16.** A method for processing applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server; selecting an application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a user and the at least one of the dedicated processors so that the user can participate in the execution of the selected application;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
1. cont'd. executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**16. cont'd.** executing the [particular] selected application [selected by the user] at the at least one of the [selected] dedicated processors; and suspending communication between the user and the front end server.	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF)

Claim 30 Recapture Analysis

Claim 19, filed 2/12/01 Paper No. 12 (Canceled Claim)	Claim 27, Amendment on 8/1/00 Paper No. 15 (Patent Claim 9)	Reissue Claim 30	Remarks
19. A method for processing real-time applications which may be executed by a plurality of users, the method comprising: providing a front-end server that has access to a plurality of applications; providing a plurality of dedicated processors that communicate with the front-end server; initiating communication between the plurality of users and the selected dedicated processor; sending a message from at least one user of the plurality of users to the front-end server that the at least one user desires to have executed a particular application;	**[19] [27] 9.** A method for processing real-time applications which may be executed by a plurality of users, the method comprising: providing a front-end server that has access to a plurality of applications; providing a plurality of dedicated processors that communicate with the front-end server, the plurality of dedicated processor being inhomogeneous; receiving a message from at least one user of the plurality of users to the front-end server that the at least one user desires to have executed a particular application;	**30.** A method for processing real-time applications which may be executed by a plurality of users, the method comprising: providing a front-end server that has access to a plurality of applications; providing a plurality of dedicated processors that communicate with the front-end server, the plurality of dedicated processors being inhomogeneous; receiving a message from at least one user of the plurality of users to the front-end server that the at least one user desires to have executed a particular application;	No recapture respecting these limitations because the reissue claim is not broader than the original patent claim respecting these limitations. (See *In re Eggert* at 24.)
19. cont'd. retrieving the particular application selected by the at least one user;	**9. cont'd.** retrieving the particular application selected by the at least one user;	**30. cont'd.**	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

Claim 19, filed 2/12/01 Paper No. 12 (Canceled Claim)	Claim 27, Amendment on 8/1/00 Paper No. 15 (Patent Claim 9)	Reissue Claim 30	Remarks
19. cont'd.	**9. cont'd.** selecting a dedicated process that is of the appropriate type and capacity to run the particular application;	**30. cont'd.** selecting a dedicated processor that is of the appropriate type and capacity to run the particular application;	. No recapture respecting these limitations because the reissue claim is not broader than the original patent claim respecting these limitations. (See *In re Eggert* at 24.)
19. cont'd. downloading the particular application selected by the at least one user to a memory in a selected dedicated processor;	**9. cont'd.** downloading the particular application selected by the at least one user to a memory in [a] the selected dedicated processor;	**30. cont'd.**	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
19. cont'd. initiating communication between the plurality of users and the selected dedicated processor; and executing the particular application selected by the at least one user on the selected dedicated processor.	**9. cont'd.** initiating communication between the plurality of users and the selected dedicated processor; and executing the particular application selected by the at least one user on the selected dedicated processor.	**30. cont'd.** initiating communication between the plurality of users and the selected dedicated processor; and executing the particular application selected by the at least one user on the selected dedicated processor.	No recapture respecting these limitations because the reissue claim is not broader than the original patent claim respecting these limitations. (See *In re Eggert* at 24.)

Claim 34 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 34	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution;	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution;	**34.** A method for processing applications which may be executed by a plurality of users, the method comprising: providing a front-end server; providing a plurality of dedicated processors that communicate with the front-end server and that have access to a plurality of applications, including at least one real-time application; initiating communication between a first user and the front-end server; sending a message from the first user to the front-end server indicating that the first user desires to have executed a particular application;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
1. cont'd. initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; and executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**34. cont'd** initiating communication between [a plurality of users] the first user and [the at least] one of the plurality of [selected] dedicated processors through a communication pathway that does not pass through the front-end server; [so that the plurality of users can participate in the execution of the selected application] and executing the particular application [selected by the user at] on the [at least] one of the plurality of [selected] dedicated processors.	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 47 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 47	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; and	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; [and]	**47.** A method for running real-time applications, the method comprising: providing a front-end server; providing a dedicated processor; coupling the front end server with the dedicated processor so that the front-end server may communicate with dedicated processors; coupling a user to the front-end server; communicating a selection from a user device of a particular real-time application to the front-end server;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
1. cont'd. executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**47. cont'd.** executing the particular real-time application [selected by the user at] on the [at least one of the selected] dedicated processor[s]; and directly coupling the user device to the dedicated processor to allow the user device to participate in the execution of the particular real-time application.	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 48 Amended Recapture Analysis

Amendment on 2/12/2001 Paper No. 12 (Twice amended)	**Amendment on 2/12/2001 Paper No. 15 (Three times amended)**	**Reissue Claim 48 (Amended)**	**Remarks**
1. A method for processing real-time applications, the method comprising providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application;	**1.** A method for processing real-time applications, the method comprising providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application;	**48.** A method for using a computer system in processing an application, the method including the steps of: providing a front end server; providing a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors; connecting two users via the Internet and [via] under control of the front-end server [to initiate communication with the] and one of said plurality of dedicated processors; and	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

Amendment on 2/12/2001 Paper No. 12 (Twice amended)	Amendment on 2/12/2001 Paper No. 15 (Three times amended)	Reissue Claim 48	Remarks
1. cont'd. and executing the particular application selected by the user at the at least one of the selected dedicated processors	**1. cont'd.** [and] executing the selected ~~particular~~ application [selected by the user] at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**48. cont'd.** executing a real-time application program on the dedicated processor to enable the users to communicate voice with each other.	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 56 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 56	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application;	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application;	**56.** A method for using a computer system in processing an application, the method including the steps of: providing a front end server; providing a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 56	Remarks
1. cont'd. and executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**56. cont'd.** and <u>initiating cellular telephone communication from one of a plurality of users to the front end server</u> to enable the dedicated processor to execute the application <u>and facilitate communication between the one user and another of the users</u>. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 61 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 61	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; and	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; [and]	**61.** A method for using a computer system in communicating with an application, the method including the steps of: providing a front end server; providing a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
1. cont'd. executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**61. cont'd.** initiating cellular telephone communication from one of a plurality of users to the front end server to enable one of the dedicated processors to execute the application and communicate with the user. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 66 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 66	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; and	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; [and]	**66.** A method for using a computer system in processing an application, the method including the steps of: providing a front end server; providing a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors; connecting two users via the Internet and via the front-end server to initiate communication with the dedicated processor;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
1. cont'd. executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**66. cont'd.** executing a game application program on the dedicated processor to enable the users to play the game with each other while suspending communication between one of the users and the front end server. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 67 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 67	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; and	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; [and]	**67.** A method for using a computer system in processing an application, the method including the steps of: providing a front end server; providing a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
1. cont'd. executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**67. cont'd.** connecting two users via the Internet and via the front-end server to initiate communication with the dedicated processor; executing a game application program on more than one of the dedicated processors to enable the users to play the game with each other. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 68 Recapture Analysis

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 68	Remarks
1. A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; and	**1.** A method for processing real-time applications, the method comprising: providing a front-end server; providing a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors; selecting at least one of the plurality of dedicated processors to execute a selected application; transferring the selected application from a memory device to the at least one of the plurality of dedicated processors for execution; initiating communication between a plurality of users and the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application; [and]	**68.** A method for using a computer system in processing an application, the method including the steps of: providing a front end server; providing a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

Claim 1, Amendment on 2/12/01 Paper No. 12 (Canceled claim)	Claim 1, Amendment on 2/12/01 Paper No. 15 (Patent Claim 1)	Reissue Claim 68	Remarks
1. cont'd. executing the particular application selected by the user at the at least one of the selected dedicated processors.	**1. cont'd.** executing the selected application at the at least one of the selected dedicated processors; and suspending communication between the plurality of users and the front end server.	**68. cont'd.** initiating cellular telephone communication from one of a plurality of users to the front end server to enable one of the dedicated processors to execute a game application program on the dedicated processor to enable the users to play the game with each other. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 70 Recapture Analysis

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 70	Remarks
13. A computer system architecture for processing real-time applications, the architecture comprising:	**[13] 12.** A computer system architecture for processing real-time applications, the architecture comprising:	**70.** A computer system architecture for processing an application, the architecture including:	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
13. cont'd. a front-end server;	**12. cont'd.** a front-end server;	**70. cont'd.** a front end server;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
13. cont'd. a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**12. cont'd.** a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**70. cont'd.** a plurality of dedicated processors structured so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 70	Remarks
13. cont'd. a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application,	**12. cont'd.** a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application,	**70. cont'd.**	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)
13. cont'd. the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application;	**12. cont'd.** the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and	**70. cont'd.**	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 70	Remarks
13. cont'd.	**12. cont'd.** means for decoupling a plurality of users from the front-end server	**70. cont'd.** a real-time application program executing on the dedicated processor to enable the users to communicate voice with each other.	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).
13. cont'd. and means for coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**12. cont'd.** and coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users is communicating directly with the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**70. cont'd.** a connection of two users via the Internet and via the front-end server to initiate communication with the dedicated processor	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 78 Recapture Analysis

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 78	Remarks
13. A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**[13] 12.** A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**78.** A computer system architecture for processing an application, the architecture including: a front-end server; a plurality of dedicated processors structured so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

continued

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 78	Remarks
13. cont'd. a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**12. cont'd.** a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for decoupling a plurality of users from the front-end server and coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users is communicating directly with the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**78. cont'd. (multiple selections of the claim language)** and a <u>cellular telephone</u> communication from one of a plurality of users to the front end server … the dedicated processor … another of the users. communication from one of a plurality of users to the front end server to enable the dedicated processor to execute the application communication from one of a plurality of users to the front end server to enable the dedicated processor to execute the application and a cellular telephone communication … to enable the dedicated processor to execute the application and a cellular telephone communication from one of a plurality of users … to enable the dedicated processor to execute the application … and facilitate communication between the one user and another of the users. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 83 Recapture Analysis

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 83	Remarks
13. A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**[13] 12.** A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**83.** A computer system architecture for processing an application, the architecture including: a front end server; a plurality of dedicated processors structured so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

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Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 83	Remarks
13. cont'd. a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**12. cont'd.** a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for decoupling a plurality of users from the front-end server and coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users is communicating directly with the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**83. cont'd. (multiple selections of the claim language)** a cellular telephone communication from one of a plurality of users to the front end server to enable one of the dedicated processors to … communicate with the user. a … communication from one of a plurality of users to the front end server to enable one of the dedicated processors to execute the application and communicate with the user. to enable one of the dedicated processors to execute the application and communicate with the user. a cellular telephone communication … to enable one of the dedicated processors to execute the application. a cellular telephone communication … to enable one of the dedicated processors to execute the application and communicate with the user. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 88 Recapture Analysis

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 88	Remarks
13. A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**[13] 12.** A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**88.** A computer system architecture processing an application, the architecture: a front end server; a plurality of dedicated processors structured so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

continued

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 88	Remarks
13. cont'd. a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; LIMITATION CONTINUES:	**12. cont'd.** a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for decoupling a plurality of users from the front-end server and coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users is communicating directly with the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**88. cont'd. (multiple selections of the claim language)** a connection between two users <u>via the Internet</u> and via the front-end server to initiate communication with the dedicated processor; a connection between two users ... via the front-end server to initiate communication with the dedicated processor; a game application program executed on the dedicated processor a connection between two users ... via the front-end server a <u>game</u> application program executed on the dedicated processor to enable the users to play the game with each other while suspending communication between one of the users and the front end server. a connection ... via the front-end server to initiate communication with the dedicated processor; a game application program executed on the dedicated processor LIMITATION CONTINUES:	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 88	Remarks
and means for coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.		a connection between two users ... via the front-end server to initiate communication with the dedicated processor to enable the users to play the game with each other . (redlined for content, not exact text changes)	

Claim 89 Recapture Analysis

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 89	Remarks
13. A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**[13] 12.** A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**89.** A computer system architecture for processing an application, the architecture including: a front-end server; a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

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Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 89	Remarks
13. cont'd. a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; **LIMITATION CONTINUED**	**12. cont'd.** a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for decoupling a plurality of users from the front-end server and coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users is communicating directly with the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**89. cont'd. (multiple selections of the claim language)** a connection formed between two users <u>via the Internet</u> and with at least one of the users via the front-end server to initiate communication with the dedicated processor; a connection formed between ... at least one of the users via the front-end server to initiate communication with the dedicated processor; a game application program executed on more than one of the dedicated processors a connection formed ... with at least one of the users via the front-end server a game application program executed on <u>more than one of the dedicated processors</u> a connection formed ... with at least one of the users via the front-end server to initiate communication with the dedicated processor; a game application program executed on <u>more than one of the dedicated processors</u> **LIMITATION CONTINUED**	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 89	Remarks
and means for coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.		a game application program executed on more than one of the dedicated processors to enable the users to play the game with each other. to enable the users to play the game with each other. (redlined for content, not exact text changes)	

Claim 90 Recapture Analysis

Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 90	Remarks
13. A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	[13] <u>12</u>. A computer system architecture for processing real-time applications, the architecture comprising: a front-end server; a plurality of dedicated processors coupled to the front-end server so that the front-end server can communicate with at least one of the plurality of dedicated processors;	**90.** A computer system architecture for processing an application, the architecture including: a front end server; a plurality of dedicated processors so that the front end server can communicate with at least one of the plurality of dedicated processors;	No recapture respecting these limitations because no subject matter was conceded from the canceled claim respecting these limitations during original prosecution. (*See In re Eggert* at 13: the canceled claim is "the claim that was amended to become the issued claim." Here, the canceled claim was not amended respecting these limitations.)

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Claim 13, Amendment on 2/12/01 Paper No. 12 (Canceled Claim)	Claim 13, Amendment on 8/6/01 Paper No. 15 (Patent Claim 12)	Reissue Claim 90	Remarks
13. cont'd. a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**12. cont'd.** a coupler communicating with the front-end server, the plurality of dedicated processors and a plurality of users, wherein one or more users communicates with the front-end server to select a selected application and the front-end server communicates with the plurality of users and at least one selected dedicated processor executes the desired application, the coupler including: means for selecting at least one of the plurality of dedicated processors to execute the selected application; and means for decoupling a plurality of users from the front-end server and coupling the plurality of users to the at least one of the selected dedicated processors so that the plurality of users is communicating directly with the selected dedicated processors so that the plurality of users can participate in the execution of the selected application.	**90. cont'd. (multiple selections of the claim language)** a cellular telephone communication from one of a plurality of users to the front end server to enable one of the dedicated processors a ... communication from one of a plurality of users to the front end server to enable one of the dedicated processors. a ... communication from one of a plurality of users to the front end server one of the dedicated processors to execute a game application program on the dedicated processor a cellular telephone communication ... to enable one of the dedicated processors to execute a game application program on the dedicated processor a game application program on the dedicated processor to enable the users to play the game with each other. execute a game application program on the dedicated processor to enable the users to play the game with each other. (redlined for content, not exact text changes)	No recapture respecting these limitations because the reissue claim is narrower than the canceled claim respecting these limitations. (See *In re Eggert* at 6: canceled claim is ABC, patent claim is ABCDEF, reissue claim is ABCX or ABCEF).